

AB071394  
 LOCUS AB071394 3329 bp mRNA linear MAM 21-MAY-2003  
 DEFINITION Sus scrofa TLR9 mRNA for Toll-like receptor 9, complete cds.  
 ACCESSION AB071394  
 VERSION AB071394.1 GI:29420456  
 KEYWORDS .  
 SOURCE Sus scrofa (pig)  
 ORGANISM Sus scrofa  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Laurasiatheria; Cetartiodactyla; Suina; Suidae;  
 Sus.  
 REFERENCE 1  
 AUTHORS Shimosato, T., Kitazawa, H., Katoh, S., Tomioka, Y., Karima, R.,  
 Ueha, S., Kawai, Y., Hishinuma, T., Matsushima, K. and Saito, T.  
 TITLE Swine Toll-like receptor 9(1) recognizes CpG motifs of human cell  
 stimulant  
 JOURNAL Biochim. Biophys. Acta 1627 (1), 56-61 (2003)  
 PUBMED 12759192  
 REFERENCE 2 (bases 1 to 3329)  
 AUTHORS Shimosato, T. and Kitazawa, H.  
 TITLE Direct Submission  
 JOURNAL Submitted (12-SEP-2001) Haruki Kitazawa, Tohoku University,  
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 Tel: 81-22-717-8713, Fax: 81-22-717-8715)  
 FEATURES  
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## ORIGIN

Query Match 100.0%; Score 3329; DB 9; Length 3329;  
 Best Local Similarity 100.0%;  
 Matches 3329; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	241	AACGTCAACGAGCTCTCCTTACTCTCCAACCGCATCCACCATTGCACGACTCTGACTTC	300
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Qy	301	GTCACACTGTCCAGCCTACGAACCTCTCAACCTCAAGTGGAACTGCCCGCGGCTGGCCTC	360
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Qy	361	AGCCCCATGCACTTCCCTTGCCACATGACCATCGAGCCCAACACCTTCTTGCCGTGCC	420
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Qy	421	ACCCTGGAGGAGCTGAACCTGAGCTACAACAGCATCACGACCGTGCCTGCCCTGCCCGAC	480
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Qy	481	TCCCTCGTGTCCCTGTCGCTGAGCCGCACCAACATCTCGGTGCTAGACCCACCCACCTC	540
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Qy	781	ACTGCCCTGCGCGTGTGATGTGGGGGGAAGTCCCGCGCTGTGACCATGCCCGCAAC	840
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Qy	841	CCCTGCAGGGAGTGCCCAAAGGACCACCCCAAGCTGCACCTCTGACACCTTCAGCCACCTG	900
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Qy	901	AGCGCGCTCTGAAGGCCTGGTGTGAAAGACAGTTCTCTCTACAACCTGGACGCCAGGTGG	960
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Qy	961	TTCCGAGGCCTGGACAGGCTCCAAGTGCTGGACCTGAGTGAGAACTTCCTCTACGACTGC	1020
Db	961	TTCCGAGGCCTGGACAGGCTCCAAGTGCTGGACCTGAGTGAGAACTTCCTCTACGACTGC	1020
Qy	1021	ATCACCAAGACCACGGCCTTCCAGGGCCTGGCCGACTGCGCAAGCTCAACCTGTCCCTC	1080
Db	1021	ATCACCAAGACCACGGCCTTCCAGGGCCTGGCCGACTGCGCAAGCTCAACCTGTCCCTC	1080
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Db	1081	AATTACCACAAGAAGGTGTCCTTTGCCACCTGCACCTGGCACCTCCTTTGGGCACCTC	1140
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Db	1141	CGGTCCCTGAAGGAGCTGGACATGCATGGCATCTTCTTCGCTCGCTCAGTGAGACCACG	1200
Qy	1201	CTCCAACCTCTGTGTCCTTCCAGGCTGAGTCCAGACCTGCGCTGCAGATGAACCTTCATT	1260
Db	1201	CTCCAACCTCTGTGTCCTTCCAGGCTGAGTCCAGACCTGCGCTGCAGATGAACCTTCATT	1260
Qy	1261	AACCAGGCCAGCTCAGCATCTTTGGGGCCTTCCCTGGCTGCTGTACGTGGACCTATCG	1320
Db	1261	AACCAGGCCAGCTCAGCATCTTTGGGGCCTTCCCTGGCTGCTGTACGTGGACCTATCG	1320
Qy	1321	GACAACCGCATCAGCGGAGCTGCAAGGCCAGTGGCCATTACTAGGGAGGTGGATGGTAGG	1380
Db	1321	GACAACCGCATCAGCGGAGCTGCAAGGCCAGTGGCCATTACTAGGGAGGTGGATGGTAGG	1380
Qy	1381	GAGAGGGTCTGGCTGCCTTCCAGGAACCTCGCTCCACGCTCCACTGGACACTCTCCGCTCA	1440
Db	1381	GAGAGGGTCTGGCTGCCTTCCAGGAACCTCGCTCCACGCTCCACTGGACACTCTCCGCTCA	1440
Qy	1441	GAGGACTTCATGCCAAACTGCAAGGCCTTCAGCTTCACCTTGGACCTGTCTCGGAACAAC	1500
Db	1441	GAGGACTTCATGCCAAACTGCAAGGCCTTCAGCTTCACCTTGGACCTGTCTCGGAACAAC	1500
Qy	1501	CTGGTGACAATCCAGTCGGAGATGTTTGCTCGCCTCTCACGCTCGAGTGCCTGCGTCTG	1560
Db	1501	CTGGTGACAATCCAGTCGGAGATGTTTGCTCGCCTCTCACGCTCGAGTGCCTGCGTCTG	1560
Qy	1561	AGCCACAACAGCATCTCCAGGCGGTCAATGGCTCTCAGTTTGTGCGCTGACCAAGCCTG	1620
Db	1561	AGCCACAACAGCATCTCCAGGCGGTCAATGGCTCTCAGTTTGTGCGCTGACCAAGCCTG	1620
Qy	1621	CGGGTGCTGGACCTGTCCCAACAAGCTGGACCTGTATACAGGGCGCTCGTTACGGAG	1680
Db	1621	CGGGTGCTGGACCTGTCCCAACAAGCTGGACCTGTATACAGGGCGCTCGTTACGGAG	1680
Qy	1681	CTGCCGCGCTGGAAGCACTGGACCTCAGCTACAACAGCCAGCCCTTACCATGCAGGGT	1740
Db	1681	CTGCCGCGCTGGAAGCACTGGACCTCAGCTACAACAGCCAGCCCTTACCATGCAGGGT	1740

Qy	1741	GTGGGCCACAACCTCAGCTTCGTGGCCAGCTGCCCGCCTGCGCTACCTCAGCCTGGCG	1800
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Qy	1801	CACAAATGACATCCATAGCCGAGTGTCCAGCAGCTCTGTAGCGCCTCACTGTGCGCCCTG	1860
Db	1801	CACAAATGACATCCATAGCCGAGTGTCCAGCAGCTCTGTAGCGCCTCACTGTGCGCCCTG	1860
Qy	1861	GACTTTAGCGGCAACGATCTGAGCCGGATGTGGGTGAGGGAGACCTCTATCTCCGCTTC	1920
Db	1861	GACTTTAGCGGCAACGATCTGAGCCGGATGTGGGTGAGGGAGACCTCTATCTCCGCTTC	1920
Qy	1921	TTCCAAGGCCTAAGAAGCCTAGTCTGGCTGGACCTGTCCCAAGAACACCTGCACACCCCTC	1980
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Db	2041	AACCTGGCCTTCTTCAACTGGAGCAGCCTGACCCCTCCTGCCAAGCTGGAACCCCTGGAC	2100
Qy	2101	TTGGCTGGAACACAGCTGAAGGCCCTAAGCAATGGCAGCCTGCCATCTGGCACCAGCTG	2160
Db	2101	TTGGCTGGAACACAGCTGAAGGCCCTAAGCAATGGCAGCCTGCCATCTGGCACCAGCTG	2160
Qy	2161	CGGAGGCTGGACCTCAGTGGCAACAGCATCGGCTTTGTGAACCTTGCTTCTTTGCCCTG	2220
Db	2161	CGGAGGCTGGACCTCAGTGGCAACAGCATCGGCTTTGTGAACCTTGCTTCTTTGCCCTG	2220
Qy	2221	GCCAAGCAGTTAGAAGAGCTCAACCTCAGCGCCAATGCCCTCAAGACAGTGGAGCCCTCC	2280
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Qy	2281	TGGTTTGGCTCGATGGTGGGCAACCTGAAAGTCCTAGACGTGAGCGCCAACCTCTGCAC	2340
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Qy	2341	TGCGCCTGTGGGCGACCTTCGTGGGCTTCCTGTGTGGAGGTACAGGCTGCCGTGCCTGGG	2400
Db	2341	TGCGCCTGTGGGCGACCTTCGTGGGCTTCCTGTGTGGAGGTACAGGCTGCCGTGCCTGGG	2400
Qy	2401	CTGCCACGCCGCGTCAAGTGTGGCAGTCCGGGCGAGCTCCAGGGCCATAGCATCTTTGGC	2460
Db	2401	CTGCCACGCCGCGTCAAGTGTGGCAGTCCGGGCGAGCTCCAGGGCCATAGCATCTTTGGC	2460
Qy	2461	CAAGACCTGCGCCTCTGCCTGGATGAGACCTCTCTGTGGAACGTITTTGGCATCTCGCTG	2520
Db	2461	CAAGACCTGCGCCTCTGCCTGGATGAGACCTCTCTGTGGAACGTITTTGGCATCTCGCTG	2520
Qy	2521	CTGGCCATGGCCCTGGGCCTGGTTGTGCCCATGTCTGCACACCTCTCGGGCTGGGACCTC	2580
Db	2521	CTGGCCATGGCCCTGGGCCTGGTTGTGCCCATGTCTGCACACCTCTCGGGCTGGGACCTC	2580
Qy	2581	TGGTACTGCTTCCACCTGTGCCTGGCTGGCTGCCCCACCGAGGGCAGCGCGGGGGCGCA	2640
Db	2581	TGGTACTGCTTCCACCTGTGCCTGGCTGGCTGCCCCACCGAGGGCAGCGCGGGGGCGCA	2640
Qy	2641	GACGCCCTGTCTATGATGCTTCTGGGTCTTTGACAAAAGCTCAGAGTGTGTGGCCGAC	2700

Db	2641	 GACGCCCTGTTCTATGATGCCITTCGTGGTCTTTGACAAAGCTCAGAGTGCTGTGGCCGAC	2700
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Qy	2761	CTGTGCTGGAGGAGCGAGACTGGTTACCTGGCAAGACGCTCTTCGAGAACCTGTGGGCC	2820
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Qy	2821	TCAGTCTACAGCAGCCGCAAGACCTGTTTGTGTGGCCACACGAGACCGTGTCAGCGGC	2880
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Qy	3121	TGCCGGGGCCCCACGACAGCCGAATAGCACTGAGTGACAGCCAGTTGCCCCAGCCCCC	3180
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Qy	3181	TGGATTGCTCTCTGCTGGGTGCCCCAACCTGCTTTGCTCAGCCACACCACTGCTCTG	3240
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Qy	3241	CTCCCTGTTCCCCACCCACCCCGAGCTGGCATGTAACATGTGCCCAATAAATGCTAC	3300
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